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# **hexagonit.portletstyle Documentation**

***Release 1.0***

**Hexagon IT**

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*hexagonit.portletstyle* is a Plone 4.x add-on that allows you to assign a CSS style to a portlet. You can chose from a list of pre-defined (configurable through Plone Control Panel) classes.

- [Source code @ GitHub](#)
- [Releases @ PyPI](#)
- [Sphinx docs @ ReadTheDocs](#)



# INSTALLATION

To install `hexagonit.portletstyle` you simply add `hexagonit.portletstyle` to the list of eggs in your buildout, run buildout and restart Plone. Then, install *hexagonit.portletstyle* using the Add-ons control panel.





# USAGE

Click on `Manage portlets` and add or edit a portlet. Select your desired portlet style from the *Portlet Style* drop-down menu and save. That's it.



# DEFAULT PORTLET STYLES

By default, this package gives you three default portlet styles:

- `noheader`
- `nofooter`
- `noheader nofooter`



# MANAGING AVAILABLE PORTLET STYLES

You can add, edit and remove available portlet styles by going to the *Plone Control Panel* and clicking on the Portlet Styles configlet. Pointing your browser directly to `http://<zope_ip>:<zope_port>/<plone_id>/@@portletstyles` also does the trick.



# SUPPORTED PORTLETS

As of this moment, the following portlets are supported (as in, you can select a style when editing them):

- *Events portlet*
- *Navigation portlet*
- *News portlet*
- *Recently changed items portlet*
- *RSS portlet*
- *Collection portlet*
- *Static text portlet*

The rest of out-of-the-box Plone portlets are non-editable ones as you normally need only one instance per site. For these (and other) reasons the following portlets *do not support* choosing a style for them:

- *Calendar portlet*
- *Classic portlet*
- *Language portlet*
- *Login portlet*
- *Review portlet*
- *Search portlet*





# STYLING THIRD-PARTY PORTLETS

Follow the steps below to convince your third-party portlets to support selecting a style for them.

## 6.1 Portlet Assignment

Your portlet's Assignment class must have an `__init__()` and inside this method it must call base assignment's `__init__()`. To put it in other words, `plone.app.portlets.portlets.base.Assignment` (from which your portlet's Assignment is likely inheriting from) has an `__init__()` method that sets the `self.portlet_style` value. You need to call this `__init__()` from your portlet's assignment's `__init__()`.

An example of how this can be achieved:

```
from plone.app.portlets.portlets import base
class Assignment(base.Assignment):
    implements(IMyCustomPortlet)

    def __init__(self, *args, **kwargs):
        base.Assignment.__init__(self, *args, **kwargs)
        self.foo = kwargs.get('foo', 5)
        self.bar = kwargs.get('bar', "bar")
```

## 6.2 Portlet AddForm

Each portlet also has an AddForm class with a `create` method. This method must also pass the portlet style as a parameter. To make things simpler, just pass in the entire data.

```
class AddForm(base.AddForm):
    form_fields = form.Fields(IMyCustomPortlet)

    def create(self, data):
        return Assignment(**data)
```

## 6.3 Template

Use the style in the template to assign an additional CSS class to your portlet:

```
<dl class="portlet portletMyCustom"
    tal:attributes="class string:portlet portletMyCustom ${view/portlet_style}"
    i18n:domain="plone">
```



# TRANSLATIONS

Rebuild POT:

```
$ i18ndude rebuild-pot --pot locales/hexagonit.portletstyle.pot --merge locales/manual.pot --creat
```

Sync a translation file with POT:

```
$ find locales -name '*.po' -exec i18ndude sync --pot locales/hexagonit.portletstyle.pot {} \;
```



# TODO

- use in the wild
- better @@portletstyles control panel configlet UI: key (CSS class) - value (title) type records
- maybe patch non-editable portlets (login, calendar, search, etc.)



# CREDITS

- Idea, mentoring and sponsoring provided by Hexagon IT Oy.
- Code monkeying by Nejc Zupan, NiteoWeb Ltd.





# CHANGELOG

## 10.1 1.0 (2011-11-20)

- Slovenian translation. [zupo]
- Added translation support for portlet\_style field in patched IPortletDataProvider. [zupo]

## 10.2 1.0a3 (2011-11-07)

- Re-releasing, hoping this fixes problems with `jarn.mkrelease`. [zupo]

## 10.3 1.0a2 (2011-10-27)

- Added whitespace to `.rst` files in `docs/` to fix `reStructuredText` indentation errors. [zupo]
- Removed `..code-block::` elements from `README.rst` as they are Sphinx-specific block elements and are not valid `reStructuredText`. [zupo]

## 10.4 1.0a1 (2011-10-27)

- Initial release. [zupo]



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# INDICES AND TABLES

- *genindex*
- *modindex*
- *search*